IAP15 Rec'd PCT/PTO 30 AUG 2006

2100 Pennsylvania Avenue, NW Washington, DC 20037-3213



T 202.293.7060 F 202.293.7860

www.sughrue.com

August 30, 2006

MAIL STOP PCT

Commissioner for Patents P.O. BOX 1450 Alexandria, VA 22313-1450 PCT/JP05/006521 -filed March 28, 2005

Re:

Application of Hiromoto OHNO and Toshio OHI

PROCESS FOR PRODUCTION OF 1,1,1,2- TETRAFLUOROETHANE AND/OR PENTAFLUORETHANE AND APPLICATIONS OF THE SAME

Assignee: SHOWA DENKO K.K.

Our Ref: Q80874

Dear Sir:

The following documents are submitted herewith in connection with the above application for the purpose of entering the National stage under 35 U.S.C. §371 and in accordance with the Patent Cooperation Treaty:

- ☑ a copy of the executed Declaration and Power of Attorney.
- ☑ an English translation of the International Application.
- ☑ a copy of the executed Assignment and PTO 1595 form.
- ☑ an Information Disclosure Statement and a copy of the ISR.
- ☑ a PTO/SB/08 A & B (modified) listing the ISR references.
- ☑ a copy of each reference cited in the ISR.
- ☑ a Preliminary Amendment.

In addition to the documents submitted herewith, it is assumed that copies of the International Application, the International Search Report and cited references, the International Preliminary Examination Report, and any Articles 19 and 34 amendments as required by §371(c) will be supplied directly by the International Bureau, but if further copies are needed, the undersigned will undertake to provide them upon request.

It is expressly requested that the national stage of processing be commenced immediately in accordance with 35 U.S.C. § 371(f).

Washington, DC ~ Tokyo ~ Silicon Valley: ~ San Diego



IAP5 Rec'd PCT/PTO 3 0 AUG 2006

U.S. Appln. No.: Based on PCT/JP05/006521

Attorney Docket No.: Q80874

Page 2

The Government filing fee, after entry of Preliminary Amendment, is calculated as follows:

Total claims Independent claims Base Fee Search Fee* Examination Fee*	13 -	20 3	= -	 0 2	_	\$50.00 \$200.00	= -	\$.00 \$.00 \$300.00 \$400.00 \$200.00
TOTAL FILING FEE Recordation of Assignme TOTAL FEE	nt						-	\$900.00 \$ 40.00 \$940.00

^{*} The international search fee for all claims was not paid to the USPTO, as the ISA, but the ISR is being submitted herewith.

Checks for the statutory filing fee of \$900.00 and Assignment recordation fee of \$40.00 are attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

Benefit/Priority is claimed from:

Country	Application No	Filing Date			
Japan	2004-095012	March 29, 2004			
U.S. Provisional	60/559,428	April 6, 2004			

The sworn English translation of the Provisional Application is being filed today August 30, 2006 in the Provisional Application.

Respectfully submitted,

Registration No. 33,725

Bruce E. Kramer

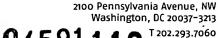
SUGHRUE MION, PLLC

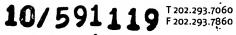
Telephone: (202) 293-7060 Facsimile: (202) 293-7860

washington office 23373

CUSTOMER NUMBER

Date: August 30, 2006







IAP5 Rec'd PCT/PTO 3 0 AUG 2006

August 30, 2006

MAIL STOP PCT Commissioner for Patents P.O. BOX 1450 Alexandria, VA 22313-1450

PCT/JP05/006521 -filed March 28, 2005

Re:

Application of Hiromoto OHNO and Toshio OHI

PROCESS FOR PRODUCTION OF 1,1,1,2- TETRAFLUOROETHANE AND/OR PENTAFLUORETHANE AND APPLICATIONS OF THE SAME

Assignee: SHOWA DENKO K.K.

Our Ref: Q80874

Dear Sir:

The following documents are submitted herewith in connection with the above application for the purpose of entering the National stage under 35 U.S.C. §371 and in accordance with the Patent Cooperation Treaty:

- ☑ a copy of the executed Declaration and Power of Attorney.
- ☑ an English translation of the International Application.
- ☑ a copy of the executed Assignment and PTO 1595 form.
- ☑ an Information Disclosure Statement and a copy of the ISR.
- ☑ a PTO/SB/08 A & B (modified) listing the ISR references.
- ☑ a copy of each reference cited in the ISR.
- ☑ a Preliminary Amendment.

In addition to the documents submitted herewith, it is assumed that copies of the International Application, the International Search Report and cited references, the International Preliminary Examination Report, and any Articles 19 and 34 amendments as required by §371(c) will be supplied directly by the International Bureau, but if further copies are needed, the undersigned will undertake to provide them upon request.

It is expressly requested that the national stage of processing be commenced immediately in accordance with 35 U.S.C. § 371(f).